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Sec. 562, P. L. & R.

15-4  
OFFER NO. 22 B

## AUTUMN LIST

SEED RARITIES  
UNUSUAL BULBS



Plant Now for Spring Reward



REX. D. PEARCE

MERCHANTVILLE

NEW JERSEY

U. S. Department of Agriculture  
Bureau of Plant Industry  
Horticultural Crops or Diseases  
Washington - D. C.



## PLEASE READ BEFORE ORDERING

All offerings in this list are made subject to the terms of sale and other conditions on page 1 of Catalog 21. If you do not have a copy, or have lost it, another will be sent you on request.

### AUTUMN SOWING

Seeds of certain rockery and border perennials, of many bulbs, shrubs, and trees seem to be benefited by a period of exposure to low temperature. The best way to handle such seeds is to sow them in open ground seed beds, or in cold frames, in late autumn. The seed bed should be lightly mulched with peat moss, straw or litter during the colder months, to keep it from drying out, and to prevent frost heaving. Germination of all the species listed in this folder will be helped by late autumn sowing, except, of course, the House Plants, which should be sown indoors.

Beside the kinds listed here, autumn sowing will be found beneficial to the following, offered in my General Catalog: Scottish Heather, Maianthemum, Epimedium, Violets, Mecanopsis, Monotropa, Arum, Crawfurdia, Podophyllum, Cyclamen, Leucojum, Alstroemeria, Convallaria, Polygonatum, Jeffersonia, Smilacina, Asarum, Uvularia, Funkia, Cortusa, Disporum, Incarvillea, Baptisia, Cassia, Geranium, Clintonia, Cotoneaster, Mespilus, Hovenia, Blueberry, Clematis and the like. Please understand that the kinds listed above, and in this folder, are not necessarily sown in autumn. It is simply that there is some gain in quicker and easier germination when this is done.

### WINTER SOWING

Sowing may be done just as long as the ground can be worked. In the North this usually means November or December, but in regions with open winters, sowings may also be made in January and February, or even in early March. Wherever you may live, should the ground freeze before you can sow, you may simulate actual ground sowing with much the same benefit by stratifying alternate layers of seeds and damp sand or peat moss. This should be done in an unheated shed, the pile covered with litter to prevent drying, and all left until early spring, when the treated seeds may be sown outside for quick germination.

### TRUE WILD FLOWER BLEND

I have blended the seeds of more than one hundred kinds of Wild Flowers for this mixture. They are chiefly American sorts, but there are a few from temperate climates of Asia and Europe. Most of them are naturally perennial, but enough are annuals to make a good showing first year. Included are Sabbatia, Gentians, Violets, Arbutus, Golden Aster, Solidago, Quaker Ladies, Belamcanda, Yucca, Meadow Beauty, Pentstemon, Mertensia, Veronia, Jack-in-the-Pulpit, Wintergreen, Windflower and many more. Sow it in quantity for neighborhood and countryside beauty.  $\frac{1}{4}$  oz. 35c; 1 oz. \$1.25;  $\frac{1}{4}$  lb. \$4.50.

## SPRING BULB BEAUTY

The earliest glory of spring shows in the burst of bloom from these dainty hardy bulbs. Sow seeds now. See Catalog 21 for full descriptions and for offers of many other varieties.

**IXIOLIRION PALLASSI**—Splendid deep blue trumpet clusters. Pkt. 25c; special pkg. 60c.

**FRITILLARIA BLEND**—Lovely cousins of the Lily for rockery, meadow or woodland path. Delightful color tones Pkt. 20c; spec. pkg. 50c.

**CALOCHORTUS MIXED**—Butterfly Tulips. No hardy bulb gives more charming flowers or shows more brilliant colorings. See page 15 in Catalog 21 for many species. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. \$1.00.

**ORNITHOGALUM PYRAMIDALE**—A vigorous hardy species with spikes of pure white flowers. Pkt. 20c; special pkg. 50c.

**CAMASSIA ESCULENTA**—Rich blue to purple starry flowers in tall spikes. Fully hardy. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. 75c.

**CAMASSIA LEICHTLINI ALBA**—Splendid spikes of cream white, to four feet. Very beautiful. Pkt. 20c; special pkg. 50c.

**ERYTHRONIUM BLEND**—Flowers like elfish little Lilies in white, pale yellow, gold, purple and rosy pink. Hardy and permanent. Mixed colors. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. \$1.00.

**PUSCHKINIA LIBANOTICA**—Sky Blue, striped indigo. Very early. Pkt. 20c; special pkg. 50c.

**CHIONODOXA LUCILAE**—Blue, with milk white center. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. 60c.

**ERANTHIS PINNATIFIDA**—Pearl white flowers in green ruffs. New. Pkt. 25c; spec. pkg. 60c.

**MUSCARI ARMENIACUM**—Fragrant robust Grape Hyacinth. Cobalt blue. Pkt. 10c; special pkg. 85c;  $\frac{1}{4}$  oz. 45c; 1 oz. \$1.50.

**MUSCARI LATIFOLIUM**—Pale blue to velvet purple. Rare. Pkt. 25c; spec. pkg. 60c.

**HYACINTH BLEND**—Finest giant flowered from a wonderful collection. Pkt. 25c; spec. pkg. 50c.

**HYANCINTHUS AZUREUS**—Very earliest of Hyacinths, with miniature massed spikes of sky blue. Pkt. 20c; spec. pkg. 50c;  $\frac{1}{4}$  oz. \$1.00.  
**NARCISSUS GIANT BLEND**—Saved from very finest named sorts. Pkt. 20c; spec. pkg. 50c.

**SCILLA CAMPANULATA**—Blue, white, pink and rose in blend. Pkt. 25c; spec. pkg. 60c;  $\frac{1}{4}$  oz. \$1.00.

**SCILLA ITALICA**—Pale blue bells with lilac fragrance. Pkt. 20c; special pkg. 50c.

**SCILLA SIBIRICA**—Richest indigo, most intense. Pkt. 15c; spec. pkg. 35c;  $\frac{1}{4}$  oz. 60c.

**GALANTHUS NIVALIS**—Snowdrop. Nodding white flowers, very early. Pkt. 15c; special pkg. 35c.

**TULIP GARDEN HYBRIDS**—Seed saved from more than one hundred tall giant-flowered varieties. Unexcelled. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. 90c; 1 oz. \$3.00.

**OFFER 22A6**—One pkt. ea. of above for \$3.50.

## THE BRODIAEAS

Delightful flowering bulbs for rockery or border, and good for cutting likewise.

B. LAXA—Ithuriel's Spear. Fine umbels of clear blue flowers. 20 inches. Pkt. 25c.

B. IXIOIDES—Dwarf, with clusters of pretty rich yellow bloom. Pkt. 20c; spec. pkg. 50c.

B. GRANDIFLORA—Large flowers of glossy purple on tall stems. Long-lasting. Pkt. 20c.

B. VOLUBILIS—Giant clusters of fragrant soft pink blossoms on twining stems. Exquisite. Pkt. 25c.

OFFER 22A1—One pkt. each of above for 75c.

## PEONIES FROM SEED

Sow Peony seed now for spring germination. See Catalog No. 21 for full descriptions.

PEONY FINEST CHINESE—Saved from finest named sorts of cultivated Peonies. Pkt. 20c; spec. pkg. 50c.

TRUE TREE PEONY—A shrub Peony with woody branches. Large flowers, single to double, in a range of colorings far beyond anything found in the ordinary garden type. Wonderfully beautiful, but rare. Pkt. 25c; special pkg. 60c.

PAEONIA BROWNII—Single blossoms of brown mahogany. For the rockery. Pkt. 20c; special pkg. 50c.

PAEONIA EMOI—Splendid large white flowers, single. Early. Three feet. Pkt. 25c.

PAEONIA MACROPHYLLA—The Yellow Peony. Magnificent blossom cups of soft yellow. Single. Pkt. 25c.

OFFER 22A2—One pkt. ea. of above for \$1.00.

## CROCUS AND COLCHICUM

Showy bulbs, flowering in spring or autumn according to kind. Sow now.

COLCHICUM SPECIOSUM—Rosy pink to crimson purple, or sometimes white. Autumn. Pkt. 25c; special pkg. 60c.

COLCHICUM AUTUMNALE—Mauve lavender or purple. Large blossoms in September. Pkt. 10c; special pkg. 25c;  $\frac{1}{4}$  oz. 40c; 1 oz. \$1.25.

COLCHICUM LUTEUM—A rare species from Kashmir. Rich yellow. Blooms in spring. Pkt. 25c.

CROCUS SPECIOSUS—Splendid chalice cups of pure blue, contrasting with the tasselled orange anthers. October. Pkt. 25c; special pkg. 60c.

CROCUS IRIDIFLORUS—Flowers of purple and lilac in Iris form. Autumn, and likes shade. Pkt. 25c; special pkg. 60c.

CROCUS IMPERATI—Fragrant lavender blossoms in February. Dainty and rare. Pkt. 35c.

CROCUS ZONATUS—A particularly good autumn flowering species, lilac rose, zoned with orange inside the cup. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. 90c.

CROCUS SPRING FLOWERING BLEND—All colors together. March. Pkt. 20c; special pkg. 50c.

OFFER 22A3—One pkt. ea. of above for \$1.50.

## A WOODLAND GROUP

**TRAILING ARBUTUS**—Mayflower. Most charming, and almost rarest of early spring flowers, with its sweetly-scented appleblossom—pink blooms. A close evergreen trailer. Pkt. 25c; special pkg. 60c.

**MITCHELLA REPENS**—A pretty carpeting trailer with brilliant emerald foliage and vivid scarlet berries. Pkt. 25c; special pkg. 60c.

**GAULTHERIA PROCUMBENS**—True Wintergreen. A creeper with spicy berries of rosy crimson. Pkt. 20c; special pkg. 60c.

**ARISAEMA TRIPHYLLUM**—Jack - in - the - Pulpit. Surely everyone knows this intriguing woodland flower. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. 60c.

**SANGUINARIA CANADENSIS** — Bloodroot. Delightful pure white flower cups with tasseled golden centers. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. 90c.

**CHIMAPHILA MACULATA**—Pipsissewa. Alluring perfumed flowers of pink-flushed cream. Pkt. 25c; special pkg. 60c.

**CHIOGENES HISPIDULA**—A pretty evergreen creeper with pure white berries. Pkt. 20c.

**BEAR BERRY**—Hardiest of evergreen trailers, with showy long-hanging red berries. Very fine. Pkt. 15c; spec. pkg. 35c;  $\frac{1}{4}$  oz. 50c.

**OFFER 22A4**—One pkt. ea. of above for \$1.25.

## EREMURUS

Magnificent plants with majestic flower spikes 4 to 8 feet high. The myriads of flowers are like little stars. They come in white, and in various shades of pink, rose, yellow, copper and orange. Slow growers, but well worthy the waiting. Mixed colors. 25 seeds for 20c; 100 seeds for 65c; 1000 seeds for \$5.00.

## LYCORUS SQUAMIGERA

Called also Amaryllis Halli. Handsome flower trumpets of opalescent lavender in late summer. Beautiful, and fully hardy, but rare. Pkt. 25c; special pkg. 60c.

## THE WILD TULIPS

Interesting and dainty species for rockery planting or naturalizing. They are best propagated from autumn sown seeds.

**T. DASYSTEMON**—Brilliant yellow with pure white border. Pkt. 25c; special pkg. 60c.

**T. KAUFMANNIANA**—Cream white with carmine reverse and pure yellow deep in the cup. Very early. Pkt. 25c; special pkg. 60c.

**T. SYLVESTRIS**—Clear yellow, and fragrant. Use with Muscari. Pkt. 25c.

**T. GREGGI**—Gorgeous orange vermillion blossoms above marbled foliage. Pkt. 25c.

**T. MARJOLLETTI**—Creamy lily-formed flowers, flushed with rose. Pkt. 25c.

**T. SPRENGERI**—Latest flowering and tallest of the group. Glowing scarlet. Pkt. 25c.

**OFFER 22A5**—One pkt. ea. of above for \$1.25.

## FROM THE VALE OF KASHMIR

Or rather from the high hills that border it, have come but lately the seeds offered below.

**ISOPYRUM GRANDIFLORUM**—Airy sprays of flowers like little white Anemones, above ferny foliage. Very pretty. Pkt. 20c.

**SAXIFRAGA DIVERSIFOLIA** — Tufts of leathery leaves, and ten-inch sprays of golden stars. Likes moisture. Pkt. 20c.

**TULIPA STELLATA**—Much like *T. Clusiana*, but soft yellow, often with rosy flush. Pkt. 20c.

**PRIMULA N. MACROPHYLLA**—Tiers of rich violet flowers rise above ribbon-like leaves dusted with golden meal. Pkt. 20c.

**PRIMULA N. MOORCROFTIANA**—A dwarf Primrose, unpowdered, with large purple blossoms. Pkt. 20c; special pkg. 50c.

**OFFER 22B9**—One pkt. ea. of above for 90c.

## A GROUP OF SHRUBS

Many shrubs grow readily from seed, and General Catalog offers a large assortment of them.

**SYRINGA FRENCH HYBRIDS**—Seed saved from named varieties of the lovely large flowering French Lilacs. Pkt. 25c; spec. pkg. 60c.

**BAYBERRY**—A handsome shrub, weighted through much of the year with silvery, wax-covered, aromatic berries. Pkt. 15c; special pkg. 35c.

**CLETHRÆ ALNIFOLIA**—An easy shrub with feathery white flower spikes, exquisitely perfumed. Pkt. 15c; special pkg. 35c.

**PIERIS MARIANA**—Flowers like sprays of giant Lily of the Valley bells, but pink tinged over waxy white. June blooming. Likes acid soil. Pkt. 15c; special pkg. 35c.

**CALYCANTHUS FLORIDUS**—Sweet Shrub. Rich chocolate colored flowers with an intense aromatic perfume. Fully hardy. Pkt. 15c; special pkg. 35c.

**FLOWERING ALMOND**—*Prunus triloba*. Blush to deep pink flowers in uttermost spring profusion. Always good, and in bloom a truly lovely thing. Pkt. 20c.

**BACCHARIS HALMNIFOLIA**—Silver Tuft. An attractive shrub, covered with silvery tufts in autumn. Pkt. 10c; special pkg. 25c.

**KALMIA LATIFOLIA**—Mountain Laurel. A hardy evergreen. Pale blush to pure rose flowers in spring. Truly it is the glory of the mountains. In full bloom it is magnificent. Pkt. 20c; special pkg. 50c.

**WILD ROSE BLEND**—A mixture of many interesting species, wild roses of the world, in varied colors and forms, all fine. Pkt. 15c; special pkg. 35c.

**CYDONIA JAPONICA**—In earliest spring it is mantled with flame colored blossoms. Pkt. 15c;  $\frac{1}{4}$  oz. 60c.

**AZALEA HARDY BLEND**—A mixture of many fine hardy kinds, blush, pink, rose, orange, scarlet, salmon and yellow. Pkt. 20c; special pkg. 50c.

**FENDLERA RUPICOLA**—An arching graceful shrub, garlanded with large milk-white golden-centered flowers in June. Pkt. 20c.

**OFFER 22B10**—One pkt. ea. of above for \$1.50.

## HOUSE PLANTS FROM SEED

Seeds of these may be sown any time of year.

**STRELITZIA REGINAE**—Bird of Paradise Flower. Blue and gold. Splendid. Large seeds, 25c each; 3 for 70c.

**PELARGONUM FANCY HYBRIDS**—Lady Washington Geranium. Very large flowers of white, red or various delicate shades of pink, always with contrasting velvety petal blotch. Pkt. 25c; special pkg. 60c.

**AMARYLLIS PEERLESS HYBRIDS**—Giant flowers from tinted white, through shades of rose, to crimson; with many delightful variations. This is the best time of the year to sow Amaryllis seed. Pkt. 25c; special pkg. 70c.

**POINSETTIA, TRUE CHRISTMAS**—A gorgeous plant when in its full glory, and it grows easily and quickly from seed. Makes a splendid specimen for the house. Vivid scarlet. Pkt. 25c; special pkg. 60c; 100 seeds for \$2.00.

**CYCLAMEN ROCOCO**—Giant fringed flowers in many colors. Very lovely. Pkt. 35c.

**CAMELLIA JAPONICA**—Rich evergreen foliage and flowers of white, pink, red or variegated, with thick even petals that seem to be carved in wax. The blossoms vary from single to the most intense doubleness. Rather easy. Large seeds; 10 for 25c; 100 for \$1.75.

**CUPHEA IGNEA**—Cigar Plant. Handsome plants with showy tubular flowers, bright red, ringed with chocolate and tipped with white. Pkt. 25c.

**PHOENIX RECLINATA** — An attractive “feather” Palm with spreading fronds. Pkt. 25c; 25 seeds for 75c.

**CANARINA CAMPANULA** — Branching plants with nodding flower bells of golden-orange, with purple flushings. Beautiful and unusual. Pkt. 25c.

**GUAVA**—Perfumed snowy flowers and aromatic delicious red or yellow fruits. State which color you wish. Pkt. 20c; spec. pkg. 50c.

**ALOE BLEND**—Rugged pot plants with thick spiky leaves, and tall heads of attractive flowers in varied colorings. 20 seeds for 15c; 100 seeds for 60c.

**EUPHORBIA OBESA** — Living Base-ball. Oddest of succulents and rarest of Euphorbias. The plants are like balls with seamed and checkered covers. Large seeds, 2 for 25c.

**STAPELIA BLEND**—Easily handled and quick growing succulents of most bizarre appearance in both form and flower. They make excellent pot plants. Pkt. 25c; spec. pkg. 60c.

**CLANTHUS PUNICEUS**—Red Kowhai. Oddly shaped crimson flowers in long racemes. Will bloom all winter. Pkt. 25c; spec. pkg. 60c.

**CACTUS ORNAMENTAL BLEND**—Easily grown kinds for window culture in marvelous diversity of form and flower. Very fine. The most interesting of house plants. Pkt. 25c; special pkg. 60c.

**OFFER 22A15**—One pkt. each of the above for \$3.35.

## SELECTED ROCKERY PERENNIALS

Rare alpine and lowland species for the rock garden, chosen from my many listings.

**HEPATICA TRILOBA**—Earliest flower of spring. Blossoms of lustrous lilac. Lovely and dainty. Pkt. 25c; spec. pkg. 60c.

**NARCISSUS ROCKERY BLEND**—A mixture of the alluring and dainty small-flowered species, Angel's Tears, Cyclamineus, Hoop Petticoat and the like. Pkt. 30c; special pkg. 75c.

**FRITILLARIA CIRRHOSA**—Nodding flowers, checkered with purple on buff. From the western Himalayas, and rare. Pkt. 20c.

**TRICYRTIS FLAVA**—A "near Lily" with attractive amber flowers. For the lightly shaded rock garden. Pkt. 20c; spec. pkg. 50c.

**LINNEA BOREALIS**—A fragrant semi-trail-er with pairs of dainty ruby flower bells. Pkt. 25c.

**NEOBESSEYA MISSOURIENSIS**—A decidedly rare but very interesting Cushion Cactus with showy yellow flowers and bright red fruits. Fully hardy. 10 seeds for 25c.

**DODECATHEON HENDERSONI**—Shooting Star. Spectacular wine-red fragrant flowers, with yellow anthers. Pkt. 25c; spec. pkg. 60c.

**PRIMULA AVALON BLEND**—A blend of easily handled garden primroses, showing almost every color of the rainbow. Pkt. 25c; special pkg. 60c.

**PENTSTEMON RUPICOLA**—A luxuriant creeper studded with bright flowers, pink, rose or glowing ruby. Pkt. 25c; spec. pkg. 60c.

**AETHIONEMA PULCHELLUM**—A very dwarf shrubby Candytuft, covered with exquisite clear pink flowers. Full sun. Pkt. 20c.

**CHAENORRHINUM ORGANIFOLIUM**—All through late summer the plants are covered with a profusion of blossoms like little purple Snapdragons. Very good. Pkt. 20c.

**TRILLIUM BLEND**—Wake Robin. Charming spring flowers, ranging from white, through rose, to purple. Shade. See Catalog 21 for separate species. Pkt. 20c; special pkg. 50c.

**ROSA FOLIOLOSA**—Very dwarf graceful Rose with flowers pure white or clear pink. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. 90c.

**OFFER 22A8**—One pkt. each of the above for \$2.50.

## THE LEWISIAS

There can be no more delightful rockery plants than the Lewisias. Fall sown seed grows readily.

**LEWISIA REDIVIVA**—A deciduous species with succulent leaves and flowers like little rose-pink water-lilies. Full sun. Pkt. 25c.

**LEWISIA HOWELLI**—Dwarf rosettes of thick crinkled leaves, with large flowers, clear pink to apricot. Evergreen. Pk. 20c; spec. pkg. 50c.

**LEWISIA FINCHI**—Wavy, red-tinted, ever-green leaves. Sprays of twenty to thirty lovely pink flowers with orange glow. Pkt. 20c; special pkg. 50c.

## FOR THE HARDY BORDER

See Catalog 21 for full descriptions.

**EUSTOMA RUSSELLIANUM** — Blue Field Lily. Flower bells of a glorious deep blue. Very beautiful. Pkt. 25c; special pkg. 60c.

**ACONITUM BLEND** — A magnificent hardy perennial with oddly formed flowers in many shades of blue, with yellow and white. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. 75c.

**ACONITUM NAPELLUS CARNEUS** — Stately perennial with showy rose-pink flowers. Lustrous foliage. June. Pkt. 15c; special pkg. 35c.

**ANEMONE JAPONICA** — A splendid autumn blooming species with large flowers of pink, rose or white. See page 10 of General Catalog for many other Anemones for fall sowing. Pkt. 25c; special pkg. 60c.

**DICENTRA SPECTABILIS** — Bleeding Heart. Sprays of pendant rosy "hearts" in early spring. Handsome foliage. Pkt. 25c; special pkg. 60c.

**DICENTRA CHRYSANTHA** — Golden Ear-drop. Sprays of golden yellow flowers above finely cut leaves. Pkt. 25c; spec. pkg. 60c.

**PARADISEA LILIASTRUM** — Two-foot spikes of snowy trumpets. Charming. Pkt. 15c; special pkg. 35c.

**TAHOKA DAISY** — Splendid Daisies of pure blue-lavender with rich yellow centers. Fern-like foliage. Fine for cutting. Pkt. 25c; special pkg. 60c.

**RHEUM NOBILE** — Towering spires, thatched with amber yellow, rise above spectacular foliage. Pkt. 15c; special pkg. 30c;  $\frac{1}{4}$  oz. 75c.

**HELLEBORUS NIGER** — True Christmas Rose. Large flowers, white or rose flushed. A few mild days will bring plants into bloom in January. Leave undisturbed until it germinates. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz.. 90c.

**DORONICUM EXCELSUM** — Finest of the Leopard-banes, with long stems and great chrome yellow Daisies, often 4 inches across, Pkt. 25c.

**MERTENSIA VIRGINICA** — Bluebell. Drooping bells of silken texture, from pink, through sapphire, to violet. Pkt. 20c.

**PHLOX PILOSA** — Large flowers from pink, through crimson, to purple and white. Two feet. Pkt. 25c; special pkg. 60c.

**PENTSTEMON PEERLESS BLEND** — There are no finer border plants than the Pentstemons. You have missed much if you do not know them. Pkt. 20c; special pkg. 50c;  $\frac{1}{8}$  oz. 75c.

**GENTIANA CRINITA** — Fringed Gentian. Misty blue. A delightful flower that is becoming rare. Pkt. 25c; special pkg. 60c.

**GENTIANA BLEND** — A mixture of fifteen species. Pkt. 20c; special pkg. 50c;  $\frac{1}{8}$  oz. 50c.

**OFFER 22A7** — One pkt. each of the above for \$3.00.

## THE CRAPE MYRTLE

Clusters of bright pink flowers with crinkled silken petals. Root-hardy, and blooms on annual shoots in the North. Very beautiful. Pkt. 15c.

## THE LILIES

For some fifty different kinds of Lilies see my General Catalog. Below is a selected list with abbreviated descriptions. Lilies grow easily from autumn sown seed.

LILIUM AURATUM—Gold banded white. Gorgeous. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. \$1.00; 1 oz. \$3.50.

LILIUM CHALCEDONICUM—Waxy vermillion. Pkt. 30c; special pkg. 75c.

LILIUM CERNUUM—Lovely lilac pink. Pkt. 25c; special pkg. 60c;  $\frac{1}{8}$  oz. \$1.00.

LILIUM COLCHICUM—Fragrant butter-cup yellow. Pkt. 25c; spec. pkg. 60c;  $\frac{1}{4}$  oz. \$1.75.

LILIUM CONCOLOR—Red Star Lily. Dwarf. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.25.

LILIUM GIGANTEUM—From the Himalayas. Majestic. White, shaded purple. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.25.

LILIUM CROCEUM—Radiant orange. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.00.

LILIUM HENRYI—Rich deep amber. Fine in every way. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.15; 1 oz. \$3.75.

LILIUM JAPONICUM—Fragrant soft pink. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.25.

LILIUM KELLOGGI—Mauve and cream. Fragrant. Pkt. 25c; spec. pkg. 60c;  $\frac{1}{4}$  oz. \$1.25.

LILIUM LONGIFLORUM—White Easter Lily. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.25.

LILIUM MACROPHYLLUM—Rare rose lavender. Pkt. 25c; special pkg. 60c.

LILIUM MARTAGON—Wine purple. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.25.

LILIUM MARTAGON ALBUM—Waxen white. Pkt. 25c; special pkg. 60c;  $\frac{1}{4}$  oz. \$1.50.

LILIUM NEW HYBRIDS—Apricot, buff, gold, orange and varied shades of rosy purple. Very fine. Rich suffusions. Pkt. 25c.; special pkg. 60c;  $\frac{1}{8}$  oz. \$1.50.

LILIUM PARDALINUM—Splendid orange and crimson. Pkt. 20c; special pkg. 50c.

LILIUM PARRYI—Fragrant lemon yellow. Pkt. 25c; special pkg. 60c.

LILIUM PHILADELPHICUM—Orange flame. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. \$1.00.

LILIUM PHIL. FORMOSANUM—Quick new white. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. 90c.

LILIUM POLYPHYLLUM—Rich cream and purple. Pkt. 25c; special pkg. 60c.

LILIUM REGALE— $\frac{1}{4}$  oz. 25c; 1 oz. 65c.

LILIUM SHELBOURNE HYBRID—A Regale-Sargentiae cross. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.25.

LILIUM SPEC. MAGNIFICUM—Sparkling carmine rose. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.25; 1 oz. \$4.00.

LILIUM SPEC. ALBUM—Alabaster white. Pkt. 25c; special pkg. 60c;

LILIUM TENUIFOLIUM—Coral. Early. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. \$1.00.

LILIUM THOMSONIANUM—Satiny rose pink. Pkt. 25c; special pkg. 60c.

LILIUM WILMOTTIAE—Ruddy apricot. Pkt. 25c; special pkg. 60c;  $\frac{1}{4}$  oz. \$1.75.

OFFER 22A16—One pkt. each of the above for \$5.00.

## THE IRIS

The Iris grows quickly and easily from autumn sown seed. Among the 67 different kinds that I offer will be found Irises for every possible effect and use. See Catalog 21 for full descriptions.

**IRIS AUREA**—Giant golden yellow. Pkt. 25c; special pkg. 60c.

**IRIS BUCHARICA**—Orchid-like blossoms of satiny yellow. Pkt. 25c.

**IRIS CALIFORNIA HYBRIDS**—Delightful rockery strain in blended colors. Fully hardy. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. 90c.

**IRIS CHRYSOFOR**—A splendid race of English rockery hybrids in varied colors. Quick from seed. Pkt. 25c; special pkg. 60c.

**IRIS CHRYSOGRAPHES**—Purple and gold. Pkt. 25c; special pkg. 60c.

**IRIS CLARKEI**—Ruddy violet. Himalayas. Pkt. 20c; special pkg. 50c.

**IRIS CRISTATA**—Dwarf crested, sky blue. Pkt. 25c; special pkg. 60c.

**IRIS DELTA BLEND**—A truly magnificent strain. If I could grow but one class of Irises, it would be this. Sky blue, lilac, cerise and purple, with ruddy orange, old rose, mahogany and near red. Many have golden crests. Flowers are of largest size. Hardy. Pkt. 25c; special pkg. 60c;  $\frac{1}{4}$  oz. \$1.00.

**IRIS DICHOTOMA**—Amethystine shades. Blooms in August. Pkt. 20c; special pkg. 50c.

**IRIS DWARF HYBRIDS**—Earliest. Fine colors. Pkt. 20c; special pkg. 50c.

**IRIS ENSATA**—Brightest blue to red-purple. Easy and fine. Pkt. 15c; special pkg. 35c.

**IRIS GRACILIPES**—Very dwarf. Exquisite soft blue. Pkt. 25c; special pkg. 60c.

**IRIS GIGANTICOERULEA**—Gigantic celestial blue with yellow crest. Splendid species. Pkt. 25c; special pkg. 60c.

**IRIS KAEMPFERI**—Imperial Japanese Iris. Pkt. 25c; special pkg. 60c.

**IRIS OCHROLEUCA GIGANTEA**—Ivory white, banded gold. Five feet. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.00.

**IRIS SHELFORD GIANT**—Giant cream yellow, blotched golden orange. Gorgeous. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. \$1.00.

**IRIS SIBIRICA BLEND**—Very easy and very hardy. Mixed. Pkt. 10c;  $\frac{1}{4}$  oz. 30c.

**IRIS TENAX**—Dwarf. Lavender and purple to white, mauve, pink and claret. Pkt. 15c; special pkg. 35c;  $\frac{1}{4}$  oz. 75c.

**IRIS XIPHOIDES**—English Iris. A vigorous bulbous species with large flowers in a marvelous range of colors. Pkt. 20c; spec. pkg. 50c.

**OFFER 22A14**—One pkt. each of the above for \$3.75.

## NOMOCHARIS NANA

One of a strange and lovely genus, nearest to *Lilium* and *Fritillaria*, but in some ways a bit like *Calochortus*. The flowers are pale purple, and pretty. 12 inches. Pkt. 25c.

## TREES FROM SEED

**CORNUS FLORIDA**—White Dogwood. Most showy tree of spring. Pkt. 20c; spec. pkg. 50c.

**LABURNUM ALPINUM** — Flowing Gold. Handsome small tree with long golden racemes of bloom. Pkt. 15c.

**ALBIZZIA JULIBRISSIN**—A beautiful thornless Acacia with tasseled flowers of soft pink. Pkt. 15c; special pkg. 35c.

**DAVIDIA INVOLUCRATA** — Dove Tree. Unique tree with showy double flower bracts resembling white doves at rest. Large nut-like seeds, each 35c; 3 for \$1.00.

**JAPANESE FLOWERING CHERRY**—Showy flowers of blush, through true pink, to deep rose. This is *Prunus serrulata*. Pkt. 20c; special pkg. 50c.

**DIOSPYRUS VIRGINIANA**—American Persimmon. Bears rich fruit. Hardy well north in sunny locations. Pkt. 20c; spec. pkg. 50c.

**ILEX OPACA**—True Holly Tree. Makes splendid specimen. Pkt. 15c;  $\frac{1}{4}$  oz. 35c.

**TULIP TREE**—Fine pyramidal trees with conspicuous Tulip-like flowers. Pkt. 10c.

**PLATANUS OCCIDENTALIS**—Buttonwood. Most massive of hardy trees. Pkt. 10c; 1 oz. 25c.

**CATALPA SPECIOSA**—Quick growing and valuable trees with showy white and gold blossoms. Pkt. 10c; 1 oz. 25c.

**ROBINIA PSEUDACACIA** — Black Locust. Sturdy timber and ornamental tree. Pkt. 10c; 1 oz. 25c.

**OFFER 22A11**—One pkt. each of the above for \$1.50.

## THE HARDY EVERGREENS

**ABIES CONCOLOR**—White Fir. Handsome, quick growing, drought resistant. Pkt. 10c; 1 oz. 35c.

**CEDRUS LIBANI**—Cedar of Lebanon. Stately tree with wide spreading branches. Pkt. 20c; special pkg. 50c;  $\frac{1}{4}$  oz. 90c.

**JUNIPERUS CHINENSIS**—Variable ornamental. Usually a dense column or pyramid. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

**JUNIPERUS PROCUMBENS** — A very low spreading form. For foundation plantings. Pkt. 15c;  $\frac{1}{4}$  oz. 50c.

**PICEA EXCELSA**—Norway Spruce. Hardy and rapid growing. Used for windbreaks, sheared hedges, Christmas tree plantations or ornamental specimens. Pkt. 10c;  $\frac{1}{4}$  oz. 35c; 1 oz. \$1.00.

**PICEA PUNGENS**—Colorado Spruce. Hardy, symmetrical and beautiful. Often silvery blue. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; 1 oz. 75c.

**PINUS MUGHUS**—Dwarf Mountain Pine. Low shrubby species. Pkt. 15c; spec. pkg. 35c.

**PINUS PONDEROSA**—Giant Yellow Pine. Grows to magnificent size with great gnarled branches. Pkt. 15c;  $\frac{1}{4}$  oz. 40c; 1 oz. \$1.25.

**PINUS STROBUS**—White Pine. A noble and picturesque timber tree. Pkt. 15c;  $\frac{1}{4}$  oz. 50c; 1 oz. \$1.50.

**OFFER 22A12**—One pkt. each of the above for \$1.00.

FOR OTHER TREE SEEDS ask for my Special Tree Seed List, issued separately from the General Catalog, and sent gladly on request.

# BULB FLOWERS

## For Fall Planting

The kinds offered here should all be planted in the autumn, to blossom the following spring, or, in the case of forcing bulbs, during the winter. Hardy in the garden unless otherwise mentioned. Of course, some protection of straw or leaves may be needed in very exposed northern locations. Available from early September until mid-November. If desired by mail, add 5% east of Pittsburgh, 10% to the Mississippi and 15% west of the river, to cover postage and packing. Otherwise shipment will be by express, collect.

**BREVOORTIA IDA-MAIA** — Crimson Satin Flower. Clusters of shining red tubular flowers, each tipped with green. 20 inches. Extraordinarily vivid. Sometimes called Floral Firecrackers, and they look the name. Rather easy. Each 15c; 3 for 40c; 8 for \$1.00.

**EREMURUS SEEDLINGS**—The magnificent Foxtail Lily. Majestic flower spikes eventually four to eight feet high, in pink, rose, white, primrose, orange yellow and copper. One year seedlings in mixed colors. Should begin to flower under good conditions in third year from transplanting. Ea. 15c; 8 for \$1.00.

**MUSCARI ARMENIACUM**—Giant Grape Hyacinth. Bells of brilliant blue, white edged, are hung in crowded spikes. Fragrant. 10 inches. Very hardy. A rockery or border delight. May be naturalized. 20 for 50c; 45 for \$1.00; 100 for \$2.00; 250 for \$4.00.

**ALLIUM UNIFOLIUM** — Slender foot-high stems that carry graceful clusters of bright rose-pink flowers. Easy and handsome. 3 for 25c; 10 for 60c.

**STAR OF BETHLEHEM**—*Ornithogalum umbellatum*. Very hardy bulb for border or naturalizing. Enormous quantities of white flowers in spring. Very pretty. Dwarf. 10 for 25c; 25 for 50c.

**VARIEGATED BULB GRASS**—*Arrhenatherum*. A pretty ornamental for borders, with striped and variegated leaves. 18 inches. Bulb-like tubers, 10 for 25c.

**CALOCHORTUS EL DORADO**—Here are the hues of the rainbow in rare blendings, bandings and blotchings. Splendid flowers that remind one a bit of the Tulip, but with a more delicate beauty. The petal markings are like those of a butterfly's wing, hence they are sometimes called Butterfly Tulips. Branching plants to two feet, hardy in well-drained soils. Mulch with straw or leaves in exposed locations. 4 for 25c; 10 for 50c; 25 for \$1.00.

**CALOCHORTUS STAR AND GLOBE**—One cannot show by words the exquisite and gracious beauty of these dainty flowers. Less spectacular than the El Dorado strain, they show marvelous pastel tones together with richer hues. In form they vary from nodding fairy lanterns to up-facing fuzzy stars. They are even hardier than the El Dorado, but prefer a bit of shade, while El Dorado likes the sun. 4 for 25c; 10 for 50c; 25 for \$1.00.

**SPRING STAR FLOWER**—*Triteleia coerulea*  
A splendid little bulb flower, easily grown and free blooming. The blossoms are up-facing stars, sometimes showing palest blue suffusions, or again deepening to rich indigo. Fully garden hardy here without protection. Cover with straw or litter in exposed locations further north. It forces readily, also, and blooms repeatedly for many weeks. A pot of it will be appreciated in any window. 4 for 25c; 10 for 50c; 25 for \$1.00.

**BRODIAE BLEND**—The rather tall, slender stems bear clusters of waxy flowers that vary from close trumpets to wide stars, according to species, and in color run from pure and tinted white to lilac, lavender and purple. Then there are kinds that are close to blue indigo or to rosy pink, and others are richest yellow. They are long-lived in any well-drained soil, and will thrive in light shade. 4 for 25c; 10 for 50c; 21 for \$1.00.

**CAMASSIA LEICHTLINI**—The flowers are perfect stars, sometimes an inch and a half across, and each tall, airy, loosely formed spike carries many of them widely open at one time. The spikes are often four feet tall, and may bear 100 blossoms. The bulbs are fully hardy anywhere and the season of bloom is long. Mixed colors, including white, rich cream, pale lavender and gentian blue. Camassias can hardly be recommended too highly. 2 for 25c; 10 for \$1.00.

**ZYGADENUS FREMONTI**—A fully hardy bulb, and a real beauty. Very like a Camassia. Three foot sprays of large soft yellow flowers with darker centers. 2 for 25c; 10 for \$1.00.

**TULIPS, PEERLESS BLEND**—A wonderful trial ground mixture of the long-stemmed kinds that flower so gloriously in late May and early June. At least one hundred different finest named sorts, grown separately, have been blended here to give a proper balance of all of the possible hues and color tones. The range is from cream, primrose and golden yellow to bronze, orange and coffee brown; from palest flesh, through salmon pink to strawberry, rose, scarlet and maroon. Then there are all the soft lavender, clear blue, smoky violet and rich purple varieties, beside others fantastically marbled and striped. American grown stock, size "B," a little smaller than the imported, but sound, solid bulbs that will bloom beautifully and persist long. I am proud of this blend. 18 for 50c; 40 for \$1.00.

**TULIP, PEERLESS BLEND—BABY BULBS.**  
Smaller sizes of the above for naturalizing, or to grow on. Wonderful color range as described above. Just younger bulbs of exactly the same high quality. A few will flower first spring, more the next, and they will grow in beauty from year to year. In my opinion, no better bulb bargain ever offered. 30 for 25c; 65 for 50c; 150 for \$1.00; 500 for \$3.00; 1000 for \$5.50. Shipping charges additional. See top page 13.

**ERYTHRONIUMS MIXED**—Charming flowers like very dwarf Lilies, for woodland, shady corner or not too sunny rockery. The color variations are remarkable, cream, deep yellow, purple, lavender and rose-pink. Often there are contrasting color bands. Plant the bulbs as soon as you get them. 3 for 25c; 8 for 50c; 18 for \$1.00.

**CROCUS BLEND**—I always watch for the first Crocus blossoms. There are other flowers a bit earlier, but none so luxuriantly colorful, or that give so much of that "Spring is here" feeling. Once planted, they will, like Muscari, take care of themselves in any grassy corner. I offer "B" size bulbs, the best for permanent planting, and practically all should flower first year. Please note that there will be some variation in size of bulbs, for the dainty Cloth of Silver and Cloth of Gold sorts are included, and these make much smaller bulbs than do other kinds. In the blend also are lavender, lilac, deep purple, pure white, feathered white and deep yellow. 18 for 25c; 40 for 50c; 90 for \$1.00.

**NARCISSUS BORDER BLEND**—A mixture of the choicer Daffodils, kinds only that are very hardy and long persistent under adverse conditions. Particularly recommended for clump planting in front of shrubbery or in the hardy border. Also fine for naturalizing. A most interesting blend of varied types and colorings. 10 for 50c; 25 for \$1.00.

**IRIS DUTCH AND SPANISH**—Named sorts, grown separately, in many rare colorings, are in this mixture, all true Bulb Irises. The blossoms are orchid-like, and particularly long-lasting as cut flowers. There will be odd russet and smoky bronze combinations; pale blue, indigo, rich yellow, and white, with other unusual hues. Hardy. Size "B", ready to bloom. 20 for 50c; 45 for \$1.00.

**TRILLIUM GRANDIFLORUM**—Wake Robin. The flowers open snowy white, but gradually take on a pink tinge, finally becoming purple. A very lovely flower for shade. Give them a season to get settled in their new home. 15c each; 4 for 50c; 9 for \$1.00; 25 for \$2.25.

**TRILLIUM STYLOSUM**—The Pink Wake Robin. The pure rose pink blossoms of this rarer Trillium yield to none in woodland beauty. Each 15c; 4 for 50c.

**LILIUM HENRYI**—Deepest golden amber blossoms, wax-like petals. Showy and easy. Sound little baby bulbs, one season from seed. An occasional one will likely bloom next summer, many of them the following year. 10 for 40c; 25 for 85c.

**PEERLESS HARDY BULB OFFER**—For only \$2.25 I will send 10 Spring Star Flowers, 10 Brodiaeas, 18 True Bulb Irises, 18 Crocuses, 20 Muscari Armeniacum, 65 Baby Tulips and 1 Camassia, \$2.88 at separate prices. Remember, 142 hardy bulbs for only \$2.25 in the collection. No changes will be made. Do not ask it. Add postage if desired by mail.

## BULBS FOR THE WINDOW GARDEN

The five kinds below are particularly fitted for the winter window garden, blooming profusely and easily when potted up. Of course many of the hardy bulbs, *Triteleia*, *Muscari* and the like, are also good for forcing.

**BABIANA TRUE AZURE**—The blossoms are bluer than indigo, a rich living blue that is hard to describe. Flowers easily and quickly in pots. Very lovely. 4 for 25c; 10 for 50c.

**ORNITHOGALUM ARABICUM**—Large airy clusters of pure white wide-open flowers, each with a shining black-green center. Not hardy, but very easily forced for the winter flowers in a sunny window. The blossoms are highly attractive, delightfully perfumed, and last for many weeks. 3 for 25c; 7 for 50c; 15 for \$1.00.

**THE BABY GLADIOLUS**—A very distinct strain used altogether for pot culture or greenhouse forcing. Their natural season of bloom is the winter months, and a pot of them in full blossom is a lovely thing. May be grown in any sunny window. The flowers are airy in form, each with a diamond shaped marking on the lower petal, and shades of lavender, orchid, salmon, pink, rose and crimson are in the blend. 4 for 25c; 10 for 50c; 25 for \$1.00.

**SPARAXIS TRICOLOR**—All these bulbs need is a sunny window in a cool room to yield a wealth of winter beauty. The flowers are large, several open at once, and the colorings are varied and brilliant. Often the throat shows a contrasting hue. I like them, and I think everyone will that tries them. 4 for 25c; 10 for 50c; 25 for \$1.00.

**LEUCOCORYNE IXIOIDES ODORATA**—The lovely Glory of the Sun, a rare treasure from the hills of Chile, and possibly the most alluring of bulb flowers for the winter window. The 18-inch stems carry several very large and starry soft blue flowers, intensely fragrant and particularly long lasting. One must see it to appreciate it. Easily handled in pots. Each 25c; 3 for 65c.

**NEW WINTER WINDOW OFFER**—Four bulbs each of Babiana, Baby Gladiolus and Sparaxis, with three of Ornithogalum arabicum and one of Leucoryne, twenty bulbs in all, for only One Dollar in the collection. If you want something different, and more charming than the usual run of winter bulbs, try these five kinds. All are delightful.

### ARE YOUR FRIENDS INTERESTED?

If you have garden-loving friends, and will send me their names and full addresses, I shall be glad to mail them catalogs. A previous word of recommendation will be likewise appreciated, for unsolicited and unexpected circulars often receive but scant shrift, and I have no desire to waste good paper. For your kindness, I will add something extra when I fill your order, some interesting kind of my choice. I shall be grateful for friendly service.